



COMMONWEALTH of VIRGINIA

Department of Health DIVISION OF SHELLFISH SANITATION

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YORK RIVER: CAMP PEARY TO TERRAPIN POINT Growing Area # 050 James City, New Kent and York Counties Shoreline Sanitary Survey

Date: 24 August 2006

Survey Period: November 18, 2005 - July 28, 2006

Total Number of Properties Surveyed: 830

Surveyed By: J.D. Dickerson and J.E. Merritt

SECTION A: GENERAL

This survey area extends from Reference Point 50 at the end of State Route 635 at Terrapin Point to Reference Point 51 at the end of the road approximately 250 yards north of Beaverdam Pond in the Camp Peary Naval Reservation, including the York River Shoreline between these two points; Ware Creek (France Swamp and Cow Swamp), Taskinas Creek, Skimino Creek (Skimino Pond), Powell Lake, Carter Creek, Bigler Mill Pond, and all of there tributaries. The survey boundary has been revised. See map for current survey boundary.

The topography in this area varies in elevation from 10' along the shoreline to a maximum of 110' at the outer southwest edge of the survey boundary. The population is sparse to moderate with heavier concentrations around Christensons Corner, Barlows Corner and Skimino Farms. The economy is based mainly on agriculture, tourism, recreation and commuters to nearby military installations and private industry.

Within this survey area there are several large, relatively undeveloped tracts of land owned in part by private corporations, the state parks department and the U.S. Government. Due to this fact there is the significant possibility of large inputs of wild animal wastes into this watershed. It is notable to mention that in the community of Woodland Estates there are a number of homes that keep horses on site, however only 3 of these properties had enough animals at the time of the survey to be classified as CAP.

Meteorological data indicated that the area received a total rainfall of 30.96" for the survey period. A monthly breakdown is as follows:

November 18-30, 2005	2.29"	February	1.41"	May	4.16"
December	3.01"	March	0.47"	June	8.67"
January 2006	4.22"	April	3.74"	July 1-28, 2006	2.99"

Copies of Bacteriological, Hydrographic, and Shellfish Closure data are available at the area office for review. Copies of the current condemnation notices and maps are available via the Internet at <http://www.vdh.virginia.gov/oehs/shellfish/>.

This report lists only those properties that have a sanitary deficiency or have other environmental significance. "DIRECT" indicates that the significant activity or deficiency has a direct impact on shellfish waters. Individual field forms with full information on properties listed in this report are on file in the Richmond Office of the Division of Shellfish Sanitation and are available for reference until superseded by a subsequent survey of the area. Data in the report is also made available to local health departments and other agencies to address items that may be out of compliance with their regulatory programs.

SECTION B: SEWAGE POLLUTION SOURCES

SEWAGE TREATMENT FACILITIES

-None-

ON-SITE SEWAGE DEFICIENCIES

2. CONTRIBUTES POLLUTION (Kitchen or Laundry Waste) - 3711 Holly Fork Road, Barhamsville 23011. Dwelling- gray vinyl siding 1 story with white trim. No contact. Laundry waste draining from washing machine located in shed onto ground. Sanitary Notice issued 11-30-05 to field # 23.
4. CONTRIBUTES POLLUTION (Kitchen or Laundry Waste) - 10015 Sycamore Landing Road, Williamsburg 23188. Dwelling- white frame 1 story with black shutters. No contact. Laundry waste draining onto ground through 2" black pvc pipe that is partially buried exiting from house. Sanitary Notice issued 3-3-06 to field # 87.

POTENTIAL POLLUTION

11. 4012 Newman Road, Williamsburg 23188. Dwelling- brick 1 story with white trim. 2 persons. Soil saturated over part of drainfield. Algal mat present but no evidence of effluent eruption observed at time of inspection.

SECTION C: NON-SEWAGE WASTE SITES

INDUSTRIAL WASTES

-None-

SOLID WASTE DUMPSITES

-None-

SECTION D: BOATING ACTIVITY

MARINAS

-None-

OTHER PLACES WHERE BOATS ARE MOORED

5. York River State Park, Croaker Landing, End of Route 805 (Croaker Landing Road), Williamsburg 23188. Owner: Virginia Department of Conservation and Recreation, 203 Governor Street, Suite 213, Richmond 23219. Public boat ramp and piers. 1 person. There were no boats present at time of survey. The only boating service provided are 2 ramps. Containers are available for solid waste collection. Sanitary facilities provided are 2 commodes, 1 urinal and 3 lavatories for men; and for women there are 3 commodes and 3 lavatories. Sewage disposal is by septic tank with drainfield, which appeared to be working satisfactorily at time of inspection. There are no boat holding tank pump-out facilities or portable toilet dump station facilities at this location.

UNDER SURVEILLANCE

10. Riverview Plantation Homeowners Association, End of State Route 606 (Riverview Plantation Road), Williamsburg 23188. Private- boat ramp and dock for subdivision residents. No contact. There were no boats present at time of survey. The only boating service provided is a single ramp. There are no sanitary facilities, no boat holding tank pump-out facilities, no portable toilet dump station facilities and no solid waste containers at this location.

SECTION E: CONTRIBUTES ANIMAL POLLUTION

1. March Morning Farm, 4101 Holly Fork Road, Barhamsville 23011. Dwelling- cream vinyl siding 2 story with black shutters and red tin roof. No contact. Present at time of survey were 8 horses in fenced pastures. Manure appears to be left on ground or composted.
3. Jolin Kennels, 4472 Ware Creek Road, Williamsburg 23188. Dog and cat boarding and grooming. 2 persons. Present at time of survey were 6 dogs in fenced kennels. Facility has the capacity to board 25 animals. Pet waste is disposed of in septic tank. Also observed on site were 25-30 assorted fowl (penned and free roaming). Manure from fowl is left on ground.
6. 4 Meadow Circle, Williamsburg 23188. Dwelling- gray vinyl siding 1½ story with red shutters and white trim. 2 persons. Present at time of survey were 6 horses in fenced pasture. Manure is composted and used as fertilizer.
7. 411 Stonehouse Circle, Williamsburg 23188. Dwelling- yellow vinyl siding 2 story with white trim. No contact. Present at time of survey were 8 horses in fenced pasture. Manure appears to be left on ground surface to decompose.

8. 5194 Riverview Road, Williamsburg 23188. Dwelling- light brown vinyl siding 1 story with white trim. No contact. Present at time of survey were 12 cows in fenced pasture. Manure appears to be left on ground surface to decompose or composted for fertilizer.
9. Stonehenge Kennels, 5550 Riverview Road, Williamsburg 23188. Business- dog kennels and grooming services. 1 person. Present at time of survey were 24 dogs in kennel. Waste from kennels is washed down into gutters that are connected to the septic system.
12. Walnut Acres Farm, 143 Skimino Road, Williamsburg 23188. Agricultural- large horse farm with 1 horse stable, 1 barn and 2 residences. 5 persons. Present at time of survey were 23 horses and 3 donkeys in several fenced pastures with no direct access to free flowing streams or tidal waters. Barn is located approximately 100' from Skimino Creek. 1 pasture is located 50' from Skimino Creek. Manure is collected, composted and land applied on construction sites.
13. 106 Deer Path Road, Williamsburg 23188. Dwelling- white vinyl siding with white trim and green shutters. No contact. Present at time of survey were 12 sheep and 3 dogs. Animal shelter located 500' from intermittent stream leading to Carter Creek. Sheep have direct access to dry ravine.

SUMMARY

Area # 050

York River: Camp Peary to Terrapin Point

24 August 2006

SECTION B: SEWAGE POLLUTION SOURCES

1. SEWAGE TREATMENT FACILITIES

0 - DIRECT - None

0 - INDIRECT - None

0 - B.1. TOTAL

2. ON-SITE SEWAGE DEFICIENCIES

Correction of deficiencies in this section is the responsibility of the local health department.

0 - CONTRIBUTES POLLUTION, DIRECT - None

0 - CONTRIBUTES POLLUTION, INDIRECT - None

0 - CP (Kitchen or Laundry Wastes), Direct - None

2 - CP (Kitchen or Laundry Wastes), Indirect - # 2, 4

0 - NO FACILITIES, DIRECT - None

0 - NO FACILITIES, INDIRECT - None

2 - B.2. TOTAL

3. POTENTIAL POLLUTION

Periodic surveillance of these properties will be maintained to determine any status change.

1 - POTENTIAL POLLUTION - # 11

SECTION C: NON-SEWAGE WASTE SITES

1. INDUSTRIAL WASTE SITES

0 - DIRECT - None

0 - INDIRECT - None

0 - C.1. TOTAL

2. SOLID WASTE DUMPSITES

0 - DIRECT - None

0 - INDIRECT - None

0 - C.2. TOTAL

SECTION D: BOATING ACTIVITY

0 - MARINAS - None

1 - OTHER PLACES WHERE BOATS ARE MOORED - # 5

1 - UNDER SURVEILLANCE - # 10

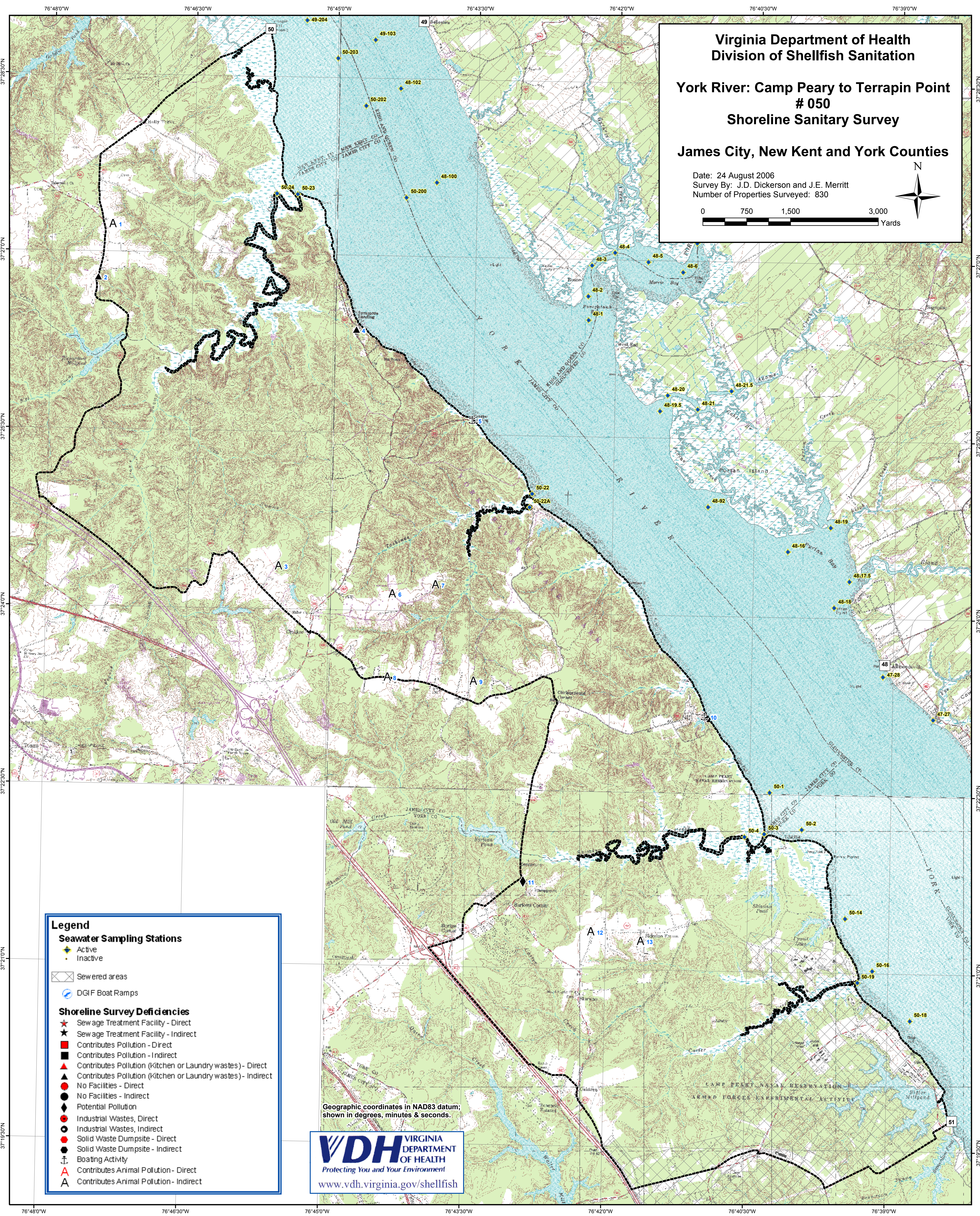
2 - D. TOTAL

SECTION E: CONTRIBUTES ANIMAL POLLUTION

0 - DIRECT - None

8 - INDIRECT - # 1, 3, 6, 7, 8, 9, 12, 13

8 - E. TOTAL

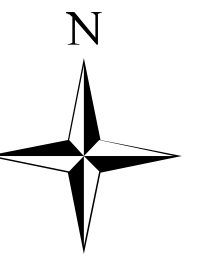
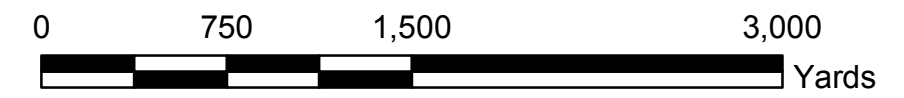


Virginia Department of Health
Division of Shellfish Sanitation

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050
Shoreline Sanitary Survey

James City, New Kent and York Counties

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Legend

Seawater Sampling Stations

- Active
- Inactive

Sewered areas

DGIF Boat Ramps

Shoreline Survey Deficiencies

- Sewage Treatment Facility - Direct
- Sewage Treatment Facility - Indirect
- Contributes Pollution - Direct
- Contributes Pollution - Indirect
- Contributes Pollution (Kitchen or Laundry wastes)- Direct
- Contributes Pollution (Kitchen or Laundry wastes)- Indirect
- No Facilities - Direct
- No Facilities - Indirect
- Potential Pollution
- Industrial Wastes, Direct
- Industrial Wastes, Indirect
- Solid Waste Dumpsite - Direct
- Solid Waste Dumpsite - Indirect
- Boating Activity
- Contributes Animal Pollution - Direct
- Contributes Animal Pollution - Indirect

Geographic coordinates in NAD83 datum;
shown in degrees, minutes & seconds.